UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

REMONUMENTATION

OF

CERTAIN

CORNERS,

TOWNSHIP 26 NORTH, RANGE 29 EAST,

Of the Gila and Salt River Meridian,
In the State of Arizona

EXECUTED BY

William F. Olver, Cadastral Surveyor

Under Special Instructions dated and approved July 31, 1997, which provided for the surveys included under Group Number 814 and assignment instructions dated July 31, 1997.

Survey Commenced July 6, 1998
Survey Completed July 9, 1998

INDEX DIAGRAM

TOWNSHIP 26 NORTH, RANGE 29 EAST,

GILA AND SALT RIVER MERIDIAN, ARIZONA

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
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T. 26 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the remonumentation of certain corners, Township 26 North, Range 29 East, Gila and Salt River Meridian, Arizona.

The south boundary of the township was originally surveyed by Frank Follman in 1883, resurveyed by Sidney E. Blout in 1927, and resurveyed by Jack A. Savlan in 1984.

The request for this survey work was made by the Navajo Tribal Utility Authority, Ft. Defiance, Arizona, by letter dated June 4, 1997. Numerous bearing trees were identified to be destroyed during the construction of an electric transmission line.

The work was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions approved July 31, 1997, for Group No. 814, Arizona.

Identified corners were remonumented in their original positions.

The directions of all lines were determined by the technique of differential positioning using the Trimble Navigation 4400 series Global Positioning System receivers with Fast Static and Real-Time Kinematic techniques. Distances and angles were measured with a Topcon GTS3B total station instrument.

The mean magnetic declination is 12° E.

Remonumentation of Certain Corners,
T. 26 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

Resurvey executed by
Jack A. Savlan in 1984

The cor. of secs. 34 and 35 only, on the S. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above ground, witnessed by an embedded mound of stone, 2 ft. diam., 6 ins. high, to the N., with a steel fence post set nearby, with brass cap mkd.

T26N R29E
S34 | S35

T25N R29E
S 3
1984
1927

from which the original bearing tree

A dead Gambel's oak, 12 ins. diam., bears N. 72° W., 18 lks. dist., with healed blaze.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T26N R29E
S34 | S35

T25N R29E
S 3
1998

from which

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 23 ins. in the ground, for a reference monument, bears N. 40°00' E., 200.0 ft. dist., with brass cap mkd. T26N R29E S35 RM 200.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

Remonumentation of Certain Corners,
T. 26 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 23 ins. in the ground, for a reference monument, bears N. 50°00' W., 70.0 ft. dist., with brass cap mkd. T26N R29E S34 RM 70.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post at the sec. cor. Bury the 1927 iron post, 36 ins. long, alongside the stainless steel post at the sec. cor.

Cor. is located 1.00 ch. W. of a wood pole high voltage transmission line, bears NE and SW; and 95 lks. N. of northernmost of several El Paso Natural Gas pipelines, bears E. and W.

The 1/4 sec. cor. of sec. 35 only, on the S. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.

T26N R29E
1/4 S35

T25N R29E
1984
1927

from which the 1984 bearing trees

A Gambel's oak stump, 9 ins. diam., 8 ins. high, bears N. 78 1/2° E., 1.50 chs. dist., with no visible blaze.

A ponderosa pine, 28 ins. diam., bears N. 17° W., 2.08 chs. dist., with scribe mks. 1/4 S35 ET visible on an open blaze.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T26N R29E
1/4 S35

T25N R29E
1998

Remonumentation of Certain Corners,
T. 26 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

from which

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 45°00' E., 160.0 ft. dist., with brass cap mkd. T26N R29E 1/4 S35 RM 160.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 45°00' W., 120.0 ft. dist., with brass cap mkd. T26N R29E 1/4 S35 RM 120.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post at the 1/4 sec. cor. Set a steel fence post nearby. Bury the 1927 iron post, 36 ins. long, alongside the stainless steel post at the 1/4 sec. cor.

Cor. is located 75 lks. S. of a wood pole high voltage transmission line, bears E. and W.; and 1.00 ch. N. of northernmost of several El Paso Natural Gas pipelines, bears E. and W.

The cor. of secs. 35 and 36 only, on the S. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above ground, with a steel fence post set nearby, with brass cap mkd.

T26N R29E
S35 | S36

T25N R29E
S 2
1984
1927

from which the remains of the 1984 bearing trees

A Gambel's oak stump, 13 ins. diam., 5 ins. high, bears N. 24° E., 48 lks. dist., with no visible blaze.

A piñon stump, 14 ins. diam., 4 ins. high, bears N. 76 1/4° W., 93 lks. dist., with no visible blaze.

Remonumentation of Certain Corners,
T. 26 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T26N R29E
S35	S36
T25N R29E
S 2
1998

from which

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 35°00' E., 110.0 ft. dist., with brass cap mkd. T26N R29E S36 RM 110.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 55°00' W., 120.0 ft. dist., with brass cap mkd. T26N R29E S35 RM 120.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post at the sec. cor. Bury the 1927 iron post, 36 ins. long, alongside the stainless steel post at the sec. cor.

Cor. is located 75 lks. S. of a wood pole high voltage transmission line, bears E. and W.; and 1.25 chs. N. of northernmost of several El Paso Natural Gas pipelines, bears E. and W.

The 1/4 sec. cor. of sec. 36 only, on the S. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with a steel fence post set nearby, with brass cap mkd.

Remonumentation of Certain Corners,
T. 26 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

T26N R29E
1/4 S36

T25N R29E
1984

from which the remains of an original bearing tree

A ponderosa pine stump, 36 ins. diam., 5 ins. high, bears N. 25 3/4° E., 33 lks. dist., with no visible blaze.

and the remains of the 1927 bearing tree

A ponderosa pine stump, 42 ins. diam., 8 ins. high, bears N. 50° W., 1.53 chs. dist., with no visible blaze.

and new accessories

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 30°00' E., 100.0 ft. dist., with brass cap mkd. T26N R29E 1/4 S36 RM 100.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 60°00' W., 145.0 ft. dist., with brass cap mkd. T26N R29E 1/4 S36 RM 145.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

Add the marks 1998 to the brass cap at the 1/4 sec. cor.

Cor. is located 75 lks. S. of a wood pole high voltage transmission line, bears E. and W.; and 1.20 chs. N. of northernmost of several El Paso Natural Gas pipelines, bears E. and W.

The cor. of T. 26 N., Rs. 29 and 30 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 9 ins. above ground, with a steel fence post set nearby, with brass cap mkd.

Remonumentation of Certain Corners,
T. 26 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

T26N
R29E | R30E
S36 | S31
T25N R29E
S 1
1984
1927

from which the remaining original bearing trees

A Gambel's oak, 24 ins. diam., bears N. 75 1/2° E., 59 lks. dist., with healed blaze.

A ponderosa pine stump, 28 ins. diam., 24 ins. high, bears N. 27° W., 20 lks. dist., with healed blaze.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T26N
R29E | R30E
S36 | S31
T25N R29E
S 1
1998

from which

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 23 ins. in the ground, for a reference monument, bears N. 45°00' E., 110.0 ft. dist., with brass cap mkd. T26N R30E S31 RM 110.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 45°00' W., 120.0 ft. dist., with brass cap mkd. T26N R29E S36 RM 120.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

Remonumentation of Certain Corners,
T. 26 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post at the Tp. cor. Bury the 1927 iron post, 36 ins. long, alongside the stainless steel post at the Tp. cor.

Cor. is located 80 lks. S. of a wood pole high voltage transmission line, bears E. and W.; and 80 lks. N. of northernmost of several El Paso Natural Gas pipelines, bears E. and W.

GENERAL DESCRIPTION

The area surveyed is inside the Navajo Indian Reservation, approximately 8 miles southwest of the community of Window Rock, Arizona. The elevation is approximately 7,600 feet above sea level.

Access is provided by trail roads.

The soil is primarily rocky clay. Timber consists of piñon, juniper, and ponderosa pine with undergrowth of Gambel's oak, and various types of brush and native grasses.

The mean magnetic declination of 12° E. was derived from the United States Geological Survey computer program GEOMAGIX utilizing the Regional Magnetic Field Model for Epoch 1995 for the dates of survey.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Leonard R. Sandoval	Cadastral Surveyor
Daniel Bryan	Engineering Technician
Edward Clarke	Engineering Technician

CERTIFICATE OF SURVEY

I, William F. Olver, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 31st day of July, 1997, I have remonumented certain corners, Township 26 North, Range 29 East, of the Gila and Salt River Meridian, in the state of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said Special Instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

August 5, 1998
(Date)

William F. Olver
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the remonumentation of certain corners, Township 26 North, Range 29 East, Gila and Salt River Meridian, Arizona, executed by William F. Olver, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

August 10, 1998
(Date)

Dennis K. McKay
(Acting Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

I CERTIFY that the ~~foregoing~~ transcript of the field notes of the above-described survey in T. 26 N., R. 29 E., ~~Gila~~ and Salt River Meridian, Arizona, is a true copy of the original field notes.

~~(Date)~~

~~(Acting Chief Cadastral Surveyor of Arizona)~~